DEUREX®
THE WAX COMPANY

DEUREX® F 62 P

TECHNICAL INFORMATION

Chemical description: Structurant PTFE, embedded in polymers
(Fully coated)

Benefits:
- Wax surface is completely coated with PTFE
- Product floats in aqueous systems
- Uniform texture at low dosages
- Admixture 0.2% – 1.5%, depending on desired final properties
- Easy to disperse in powder coatings

Applications:

Powder coatings
- Texturing agent for hybrid systems (Polyester, Polyurethane)

Properties:
- Allows a wide selection of controlled textures
- High abrasion resistance
- High scratch resistance
- Unifor surface feel
- Increased lubricity by reducing of the friction coefficient
- Improved temperature and solvent resistance
- Recoatable without affecting the texture

Technical data:

Colour: White
Delivery form: **DEUREX® F 62 P** = Powder

	Minimum	Maximum	Method
Drop point (wax)*:	110 °C	120 °C	LV 12 (DGF M-III 3)
Density (23 °C) (wax):	0.94 g/cm³	0.95 g/cm³	LV 3 (DIN EN ISO 1183)
Melting point (PTFE):	320 °C	340 °C	LV 5 (ASTM D4591)
Density (23 °C) (PTFE)*:	2.15 g/cm³	2.25 g/cm³	LV 3 (DIN EN ISO 1183)
Shelf life:		24 month (In closed, original containers in compliance with storage conditions)	

* Part of certificate of analysis

Alternative delivery form:

DEUREX® F 60 Micro-Series – Micro-sized powder with 100% PTFE
DEUREX® F 61 P – Double coated, PTFE and wax are completely embedded
DEUREX® F 63 P – Spot coated, stoichiometrically calculated amount of PTFE
DEUREX® F 64 P – Eco-coated, wax with a standard dose of PTFE
DEUREX® F 6001 W – Water-based dispersion of a micro-sized PTFE

This data sheet is based on our current knowledge and experience. In view of the individual factors that may affect processing and application, this data does not relieve users from the responsibility of carrying out their own tests and experiments, neither do they imply any legally binding assurance of certain properties. Existing industrial/commercial protective laws have to be considered by the recipient. Updated versions of the data sheet replace all formerly existing versions.
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